

CLAIMS

What is claimed is:

1. An apparatus for processing printing material webs with variable web widths, the apparatus being one of a folding assembly, a turning assembly, and a web guide and comprising:
 4. web contacting elements including at least one of rollers and cutting knives, each of which is settable on one side of the printing material web;
 6. driven pull rollers or driven pull rollers and knife rolls extending over the web width and arranged opposite said web contacting elements;
 8. at least one threaded spindle operatively connected for adjusting axial positions of said web contacting elements simultaneously or in succession, wherein a first portion of said web contacting elements are adjusted by a first adjustment travel and a second portion of said web contacting elements are adjusted by a second adjustment travel different than said first adjustment travel.
1. 2. The apparatus of claim 1, wherein said first adjustment travel is zero such that said first portion of said web contacting elements are stationary.
1. 3. The apparatus of claim 2, wherein a third portion of said web contacting elements are adjusted by a third adjustment travel that is greater than zero and different from said second adjustment travel.

1 4. The apparatus of claim 1, wherein each of said first adjustment
2 travel and said second adjustment travel is non zero.

1 5. The apparatus of claim 1, wherein the apparatus is a folding
2 assembly and the web contacting elements are in a folding former plane of the folding
3 assembly.

1 6. The apparatus of claim 1, wherein said web contacting elements
2 comprise pressure rollers and cutting knives and said at least one threaded spindle
3 comprises at least two threaded spindles, said pressure rollers being axially adjustable
4 by at least one of said at least two threaded spindles and said cutting knives being
5 axially adjustable by a further one of said at least two threaded spindles.

1 7. The apparatus of claim 1, wherein said at least one threaded
2 spindle is divided into regions, wherein each of said regions is assigned to individual
3 ones of said web contacting elements and said regions are configured with pitches (P)
4 of different pitch height and pitch direction, the pitch height and pitch direction being
5 configured in accordance with the adjustment travel of said individual web contacting
6 elements.

1 8. The apparatus of claim 1, a separate threaded spindle is provided
2 for each of the first and second adjustment travels, said apparatus further comprising a

3 drive with gear mechanisms with a defined transmission ratio with respect to rotational
4 speed and direction of rotation for driving said threaded spindles.

1 9. The apparatus of claim 7, wherein said at least one threaded
2 spindle symmetric about a center line of said apparatus.

1 10. The apparatus of claim 8, wherein said at least one threaded
2 spindle is symmetric about a center line of said apparatus.

1 11. The apparatus of claim 1, further comprising a single drive for
2 driving said at least one threaded spindle.

1 12. The apparatus of claim 1, further comprising at least one position
2 monitoring device for determining the axial position of all web contacting elements.

1 13. The apparatus of claim 10, wherein said drive is a stepping motor.